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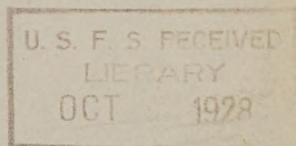
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**FOREST PRODUCTS RESEARCH IN PICTURES**



NO. 37

# WHAT DECAY DOES TO GROUNDWOOD FIBERS



FOREST PRODUCTS LABORATORY  
U. S. FOREST SERVICE  
MADISON, WISCONSIN

The photograph on the left shows fresh, decay-free fibers of groundwood pulp as they are revealed by a powerful microscope.

The photograph on the right - a high magnification also - shows groundwood fibers that have been attacked by a wood-destroying fungus. These fibers have been so broken up that they will not felt and will for the most part be lost in the white water. Decayed fibers which mingle with sound fibers in the sheet tend to give the paper a rough, dirty appearance and to increase brittleness.

The Forest Products Laboratory has developed inexpensive pulp preservatives which will keep stored pulp free from fungi and molds over long periods of storage.

*(Photographs by Forest Products Laboratory, U. S. Forest Service)*



